



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Barry Appelman  
Serial No. : 09/873,272  
Filed : June 5, 2001  
Title : CACHING SIGNATURES

Art Unit : 2152  
Examiner : Trong Nhan P. Nguyen

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

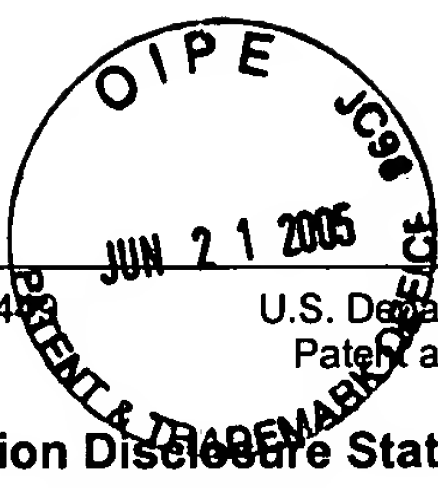
Date: \_\_\_\_\_

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Thomas A. Rozylowicz  
Reg. No. 50,620

Fish & Richardson P.C.  
1425 K Street, N.W.  
11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331

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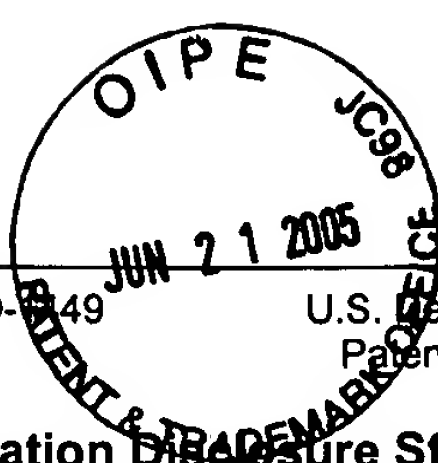


Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>06975-054001</b>	Application No. <b>09/873,272</b>
		Applicant <b>Barry Appelman</b>	
	Filing Date <b>June 5, 2001</b>	Group Art Unit <b>2152</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,125,873 A	11/1978	Chesarek			
	AB	4,206,315	06/1980	Matyas et al.			
	AC	4,271,476 A	06/1981	Lotspiech			
	AD	5,087,913 A	02/1992	Eastman			
	AE	5,182,762 A	01/1993	Shirai et al.			
	AF	5,287,420 A	02/1994	Barrett			
	AG	5,392,036 A	02/1995	Klein			
	AH	5,500,928 A	03/1996	Cook et al.			
	AI	5,539,908 A	07/1996	Chen et al.			
	AJ	5,563,649 A	10/1996	Gould et al.			
	AK	5,590,317 A	12/1996	Iguchi et al.			
	AL	5,649,151 A	07/1997	Chu et al.			
	AM	5,805,735 A	09/1998	Chen et al.			
	AN	5,805,827 A	09/1998	Chau et al.			
	AO	5,838,967 A	11/1998	Okayama et al.			
	AP	6,223,211 B1	04/2001	Hamilton et al.			
	AQ	6,523,115	02/2003	Ono et al.			
	AR	2002/0099938	07/2002	Spitz			
	AS	2002/0124170	09/2002	Johnson, JR.			
	AT	2003/0056100	03/2003	Beatson			
	AU	2004/0039912	02/2004	Borrowman et al.			
	AV	2004/0139327	07/2004	Brown et al.			
	AW	2004/0255120	12/2004	Botti et al.			
	AX	2002/0116508	08/2002	Khan et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AY							
	AZ							
	AAA							
	ABB							
	ACC							
	ADD							
	AEE							
	AFF							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AGG	Office Action from copending Application Serial No. 10/157,955, dated February 15, 2005
	AHH	Office Action from copending Application Serial No. 10/061,270, dated February 10, 2005
	AII	
	AJJ	

Examiner Signature	Date Considered
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